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**[PDF] Experimental study at CERN of a positron source using channeling**

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Experimental study at CERN of a **positron source** using **channeling** R Chehab a R Cizeron

C Sylvia Laboratoire de l'Accelérateur Lineaire IN P CNRS et Université ...

[www-linac.kek.jp/seminar/chehab-lecturenote-transparencies/ChannelingExperimentAtCERN.pdf](http://www-linac.kek.jp/seminar/chehab-lecturenote-transparencies/ChannelingExperimentAtCERN.pdf) - [Similar pages](#)

**[PDF] EXPERIMENTAL DETERMINATION OF THE POSITRON SOURCE EMITTANCE FOR A ...**

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... V.Kulibaba, N.Maslov (KIPT), A.Bogdanov, A.Potylitsin, I.Vnukov (NPI-TPU) Abstract

Investigations on **positron sources**, using **channeling** of ultrarelativistic ...

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... Investigations on **positron sources**, using **channeling** of ultrarelativistic electrons  
in axially oriented crystals, are carried out in Europe and Japan. ...

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Citebase - Experimental Determination of the Characteristics of a ...

... and analysis is both incomplete and noisy. Experimental Determination  
of the Characteristics of a **Positron Source Using Channeling**. ...

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**[PDF] Experimental Determination of the Characteristics of a Positron ...**

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Page 1. Experimental Determination of the Characteristics of a **Positron  
Source Using Channeling** . R.Chehab, R.Cizeron, C.Sylvia ...

[accelconf.web.cern.ch/AccelConf/I00/papers/MOB21.pdf](http://accelconf.web.cern.ch/AccelConf/I00/papers/MOB21.pdf) - [Similar pages](#)

[physics/0008036] Experimental Determination of the ...

... 29:48 GMT (32kb) Experimental Determination of the Characteristics of  
a **Positron Source Using Channeling**. Authors: R. Chehab, R. Cizeron ...

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Linac2000 Paper ID: 402

... Eprint: physics/0008036 Experimental Determination of the Characteristics  
of a **Positron Source Using Channeling (\*)**. R.Chehab (a), X ...

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**[PDF] Radiation-Damage Study of a Monocrystalline Tungsten Positron ...**

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... [3] X. Artru et al. "Axial **channeling** of relativistic electrons in crystals as  
a **source for positron production**" NIM B 119 (1996) 246. [4] S. Baker et al. ...

[lyoinfo.in2p3.fr/sae/Radiation\\_damage98.pdf](http://lyoinfo.in2p3.fr/sae/Radiation_damage98.pdf) - [Similar pages](#)

### Untitled

... VN Baier ... V.Shary et al., "Set-up optimization for an experimental test of a  
**positron source using channeling**," Nucl. Instrum. Meth. B145, 221 (1998). ...

[www.inp.nsk.su/~vvshary/cv/](http://www.inp.nsk.su/~vvshary/cv/) - 9k - [Cached](#) - [Similar pages](#)

**[PDF] Positron Production from a Tungsten Single Crystal at the KEK 8 ...**

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... In such a conventional **source**, the **positron** intensity is ... **positron** generation to increase  
the **positron** production efficiency. ... Another is the **channeling** radiation ...

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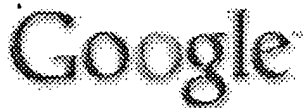
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Nuclear Instruments and Methods in Physics Research Section B ...

... Set-up optimization for an experimental test of a **positron source** using **channeling**. Baier, VN; Bukin, AD; Dimova, TV; Druzhinin, VP ...

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... 16.45 Coffee 16.45–17.30 Dynamical Theories of Classical **Channeling** HS Dumas (Univ ... A. Rivacoba (CSIC-San Sebastian) 18.00–18.30 New **positron source** based on ...

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SLAC-R-502 – 1997 Proceedings of the Workshop on New Kinds of ...

... Polarized **Positron Source** for Linear Colliders <http://www.slac.stanford.edu/pubs ... **Positron** Production in Single Crystals by 1.2 GeV **Channeling** Electrons <http ...

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CHANNELING

... description of **channeling** radiation has improved our understanding of this phenomenon.

Channeled high energy electrons and **positron** provide a **source** of intense ...

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... The curves are normalized on one **positron** passing through the undulator within the **channeling** angle. PRST-AB 7 CRYSTAL UNDULATOR AS A NEW COMPACT SOURCE . . . .

prst-ab.aps.org/pdf/PRSTAB/7/2/e023501 - [Similar pages](#)

Phys. Rev. ST Accel. Beams 5, 121001 (2002): Baier and ...

... 283–285. VN Baier and R. Chehab, **Positron Source** based on **Channeling** Radiation, Proposal for an Experiment at Orsay, LAL, Orsay, France, 1990 (unpublished). ...

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Yerevan Physics Institute and Stanford Linear Accelerator Center

... Experimental Studies of **Positron Sources** Using Multi-GeV ... Emitted from Relativistic

Planar Channeled **Positrons**. ... **Channeling** Radiation Produced in Various Single ...

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... EXPERIMENT IN TUNGSTEN CRYSTAL USING 4 AND 8-GEV **CHANNELING** ELECTRONS AT ... B-factories, it is critically important to develop a high- intensity **positron source**. ...

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... started at LNF with 800 MeV **positrons** aiming to ... strong worldwide attention to novel **sources** of radiation ... accompanied by a harder component (**channeling** radiation ...

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MS.Dubrovin's publications

... and Meth. A 379 (1996) 505-506. VN.Baier et al., Set-up optimization for an experimental test of a **positron source** using **channeling**, Nucl.Instr. and Meth. ...



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### The LLNL Electron-Positron Beam Facility

... The **positrons** emitted from the **source** are moderated by tungsten vanes to an energy width of about 2 eV. ... **Positron channeling** studies. **Positron** Microprobe. ...

[www-pat.llnl.gov/H\\_Div/Positrons/PositronFacility.html](http://www-pat.llnl.gov/H_Div/Positrons/PositronFacility.html) - 12k - [Cached](#) - [Similar pages](#)

### Positron Physics refs

... Improved **Source** and Transport of Monoenergetic MeV **Positrons**, FA Selim, AW Hunt ... In-Flight Annihilation during **Positron Channeling**, AW Hunt, DB Cassidy, FA Selim ...

[phys5.harvard.edu/~golovche/positron\\_physics\\_refs.htm](http://phys5.harvard.edu/~golovche/positron_physics_refs.htm) - 6k - [Cached](#) - [Similar pages](#)

### CLIC meetings 2002 - 2003, G. Guignard

... The experiment WA103, which concerns a new kind of **positron source** using **channeling** radiation of multi-GeV electrons in tungsten crystals to obtain a large ...

[clic-meeting.web.cern.ch/clic-meeting/min2002-2003.html](http://clic-meeting.web.cern.ch/clic-meeting/min2002-2003.html) - 11k - [Cached](#) - [Similar pages](#)

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... ffl Polarized **Positron Sources**. ICAR Workshop, Argonne National Laboratory, May, 2004. ... Relativistic **channeling**, Frascati, March, 2004. ...

[diablo.phys.northwestern.edu/~aapyan/Armen.Apyan-cv.ps](http://diablo.phys.northwestern.edu/~aapyan/Armen.Apyan-cv.ps) - [Similar pages](#)

### Applications of Nuclear Physics

... When the **positron** meets a normal electron, the two annihilate each other ... Similar nuclear **sources** are found in other common devices such as ... RBS and **Channeling**. ...

[dnp.nsl.msu.edu/nplinks/brochure/applications.html](http://dnp.nsl.msu.edu/nplinks/brochure/applications.html) - 32k - [Cached](#) - [Similar pages](#)

### Radiation Physics Department

... is elaborated and on the other hand **positron** emission tomography ... The X-ray **source** will be driven by the ... **Channeling** radiation: 2 - 50 keV; Parametric X-rays: 2 ...

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### Positron Annihilation - ICPA-10

... Spectroscopy Observation of Diffraction Effects in **Positron Channeling** Theoretical Studies ... by Slow **Positron** Beam The KEK Slow-**Positron Source** Applicability of ...

[www.itp.net/0-87849-686-6](http://www.itp.net/0-87849-686-6) - 28k - [Cached](#) - [Similar pages](#)

### Publications - Sortie

... Experimental determination of the characteristics of a **positron source** using **channeling** Chehab R., Cizeron R., Sylvia C., Baier V., Beloborodov K I., Bukin A ...

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### Nuclear Instruments and Methods in Physics Research Section B ...

... using compensated Doppler-broadened **positron** annihilation spectroscopy. ... Ion-channeling studies of cubic GaN and In x Ga 1 ... into an ECR ion **source** magnetic field ...

[elsevier.lib.sjtu.edu.cn/cgi-bin/sciserv.pl?collection=journals&journal=0168583x&issue=v155i0004](http://elsevier.lib.sjtu.edu.cn/cgi-bin/sciserv.pl?collection=journals&journal=0168583x&issue=v155i0004) - 42k - [Cached](#) - [Similar pages](#)

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### Curriculum Vitae

... Developed double-alignment **channeling** method for ... thesis topic). - Study of the  $^{27}\text{Al}(p, n) ^{27}\text{Si}$  reaction and design for a **positron source** on-line with a U ...

[cim.aamu.edu/People/curriculum\\_vitae\\_claudiu.htm](http://cim.aamu.edu/People/curriculum_vitae_claudiu.htm) - 15k - [Cached](#) - [Similar pages](#)



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